

<b>FORM PTO-1449</b> U.S. Department of Commerce Patent and Trademark Office	<b>Docket No.</b> DIVER1140-3	<b>Serial No.:</b> Unassigned
	<b>Applicant(s):</b> Jay M. Short	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	<b>Filing Date:</b> September 15, 2000	<b>Group Art Unit:</b> Unassigned

JC922 U.S. PTO  
 09/663620  
 09/15/00


### U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
ne	AA	5,849,491	12/15/98	Radomski et al.	435	6	
ne	AB	5,837,458	11/17/98	Minshull et al.	435	6	
ne	AC	5,830,721	11/03/98	Stemmer et al.	435	172.1	
ne	AD	5,811,238	09/22/98	Stemmer et al.	435	6	
ne	AF	5,605,793	02/25/97	Stemmer	435	6	
ne	AF	5,500,363	03/19/96	Comb et al.	435	194	
ne	AG	5,352,778	10/04/94	Comb et al.	536	23.2	
ne	AH	5,316,935	05/00/94	Arnold et al.	435	222	

7/11/03  
 N. S.

### FOREIGN PATENT DOCUMENTS

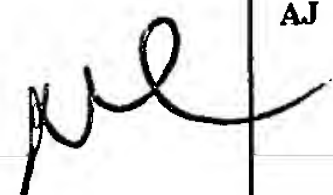
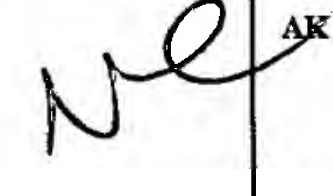
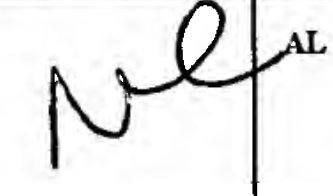
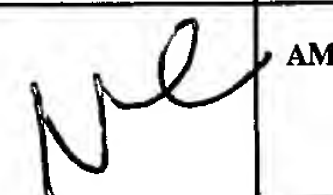

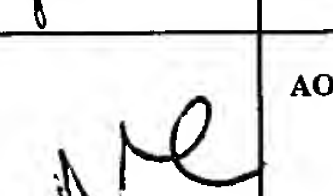
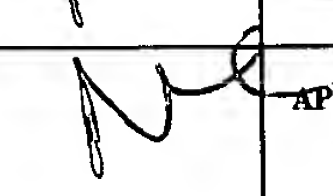
EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION (YES/NO)
ne	AI	WO 91/16427	10/31/91	PCT			

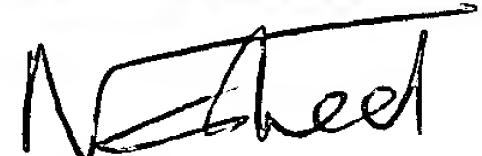
<b>EXAMINER</b> 	<b>DATE CONSIDERED</b> 5/1/02
--	----------------------------------

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>FORM PTO-1449</b> U.S. Department of Commerce Patent and Trademark Office	<b>Docket No. DIVER1140-3</b> <b>Serial No.: Unassigned</b>	
	<b>Applicant(s): Jay M. Short</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	<b>Filing Date:</b> September 15, 2000	<b>Group Art Unit:</b> Unassigned

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)**

	AJ	Dube et al., "Artificial Mutants Generated by the Insertion of Random Oligonucleotides into the Putative Nucleoside Binding Site of the HSV-1 Thymidine Kinase Gene," <i>Biochemistry</i> <b>30</b> :11760-11767 (1991)
	AK	Hennecke et al., "Concurrent evolution of nitrogenase genes and 16S rRNA in Rhizobium species and other nitrogen fixing bacteria," <i>Archives of Microbiology</i> <b>142</b> :342-348 (1985)
	AL	Kirshtein et al., "Amplification, cloning, and sequencing of a niH segment from aquatic microorganisms and natural communities," <i>Applied and Environmental Microbiology</i> <b>56</b> (9):2645-2650 (1991)
	AM	Osuna et al., "Combinatorial mutagenesis of three major groove-contacting residues of EcoRI: single and double amino acid replacements retaining methyltransferase-sensitive activities," <i>Gene</i> <b>106</b> :7-12 (1991)
	AN	Stein and Felbeck, "Kinetic and physical properties of a recombinant RuBisCO from a chemoautotrophic endosymbiont," <i>Molecular Marine Biology and Biotechnology</i> <b>2</b> (5):280-290 (1993)
	AO	Ueda et al., "Remarkable N <sub>2</sub> -fixing bacterial diversity detected in rice roots by molecular evolution analysis of nifH gene sequences," <i>Journal of Bacteriorology</i> <b>177</b> (5):1414-1417 (1995)
	AP	Zhou et al., "Random mutagenesis of gene-sized DNA molecules by use of PCR with Taq DNA polymerase," <i>Nucleic Acid Research</i> <b>19</b> (21):6052 (1991)

EXAMINER 	DATE CONSIDERED 5/1/02
---	---------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.